

## Rolling Bearings

Insocoat electrically insulated rolling bearings promote increased reliability and machine uptime by protecting against potential damage caused by the passage of electric current in AC and DC motors, generators, and associated equipment. They offer safe and economical solutions compared with other bearing insulation methods by integrating the electrical insulation function into the bearing. Their thin aluminum oxide layer serves to form a superior barrier against electric arcing that typically causes fluting damage to rollers and raceways or grease oxidation. Such electrical erosion can often result in potential premature bearing failure, unscheduled machine downtime, and unanticipated maintenance costs.

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